

Converting Colors

XYZ(26.6549, 14.0704, 2.1213)

Have a look what the booklet for
XYZ(26.6549, 14.0704, 2.1213)
contains.

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Color

**XYZ(26.6820, 14.0829,
2.1226)**

Conversions

Conversions Part 1

Format	Color
Hex	D11317
RGB	209, 19, 23
RGB Percent	82%, 7%, 9%
CMY	0.1804, 0.9254, 0.9098
CMYK	0.00, 0.91, 0.89, 0.18
HSL	359°, 83%, 45%
HSV	359°, 91%, 82%
XYZ	26.6820, 14.0829, 2.1226
YIQ	76.2660, 111.9560, 41.5240

Conversions

Conversions Part 2

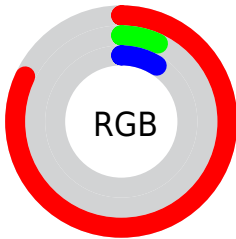
Format	Color
RYB	209, 19, 23
Decimal	13701911
CIELab	44.35, 67.25, 50.23
CIELCh	44, 83.939, 36.754
Yxy	14.0829, 0.6221, 0.3284
Android (android.graphics.Color)	4291891991 (0xFFD11317)
YUV	76.2660, -26.2601, 116.4077
Hunter-Lab	37.5272, 61.2417, 22.9155

Details

The XYZ color **26.6820, 14.0829, 2.1226** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **34.0922, 50.1484, 65.6579**, and the grayscale version is **6.9535, 7.3156, 7.9667**.

A 20% lighter version of the original color is **46.1726, 29.3565, 9.0272**, and **11.5016, 5.9293, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **26.3182, 13.5648, 1.3566**, and if you desaturate by 10%, it is **27.4953, 15.2459, 3.8240**.

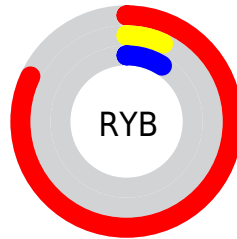
Distribution



Red (82%)

Green (7%)

Blue (9%)



Red (82%)

Yellow (7%)

Blue (9%)

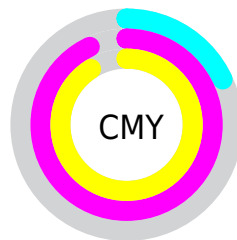


Cyan (0%)

Magenta (91%)

Yellow (89%)

Black (18%)



Cyan (18%)


Magenta (93%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6820, 14.0829, 2.1226 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.6820, 14.0829, 2.1226 by changing the saturation by 10% instead.

 26.6820, 14.0829,
2.1226


 26.6820, 14.0829,
2.1226


278.3098,
217.7459, 124.2524


 17.4699, 8.1783,
0.6292


 53.7967, 33.2360,
9.3733


 10.6674, 4.2093,
0.0000


 72.4299, 47.2534,
16.0051


 5.9093, 1.7913,
0.0000

 94.9343, 64.7439,
25.1991

 2.8302, 0.4817,
0.0000

 121.6751, 86.0918,
37.3739

 1.0646, 0.0000,
0.0000


 153.0176,
111.6816, 52.9481


 0.0000, 0.0000,
0.0000


 189.3274,


141.8976, 72.3402


 230.9697,
177.1242, 95.9688


 26.6820, 14.0829,
2.1226


 26.6820, 14.0829,
2.1226


 26.3182, 13.5648,
1.3566

 27.4953, 15.2459,
3.8240

 28.8772, 17.2438,
6.6460

 30.9067, 20.1952,
10.7369

 33.6499, 24.1990,
16.2223

 37.1649, 29.3415,
23.2127

■ 41.5037, 35.7003,
31.8074

■ 46.7139, 43.3463,
42.0974

■ 52.8395, 52.3447,
54.1668

■ 59.9213, 62.7564,
68.0941

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.8162, 14.0829, 11.3704



26.6820, 14.0829, 2.1226



19.1782, 14.0829, 0.0000

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.6820, 14.0829, 2.1226



4.6608, 14.0829, 4.8561



14.9679, 14.0829, 89.5883

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.6820, 14.0829, 2.1226



34.0922, 50.1484, 65.6579

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8.8951, 14.0829, 80.9456



26.6820, 14.0829, 2.1226



4.2008, 14.0829, 20.1255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.6820, 14.0829, 2.1226



7.0327, 14.0829, 0.6443



5.4565, 14.0829, 49.9823



22.7322, 14.0829, 68.4216

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.6820, 14.0829, 2.1226



14.1325, 14.0829, 0.0000



5.4565, 14.0829, 49.9823



12.6651, 14.0829, 90.2322

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.6823, 14.0838, 2.1228



67.8634, 60.0542, 55.3600



36.2799, 17.7199, 61.8292



13.9540, 12.0156, 10.7195



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.6823, 14.0838, 2.1228



41.2692, 21.2717, 2.0838



31.7411, 24.2605, 3.6272



11.8186, 11.8122, 12.3207



16.2317, 8.3655, 0.8602



0.9112, 0.4692, 0.0670

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.6823, 14.0838, 2.1228



41.2692, 21.2717, 2.0838



18.5359, 18.2586, 62.8684



11.8186, 11.8122, 12.3207



16.2317, 8.3655, 0.8602



0.9112, 0.4692, 0.0670

Previews

White Background



This preview shows how the XYZ color 26.6820, 14.0829, 2.1226 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.6820, 14.0829, 2.1226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6820, 14.0829, 2.1226

Background



This preview shows how black text looks on a background with the XYZ color 26.6820, 14.0829, 2.1226.



This preview shows how white text looks on a background with the XYZ color 26.6820, 14.0829,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.6820, 14.0829, 2.1226

Protanopia

13.2657, 14.5974, 4.2162

Deuteranopia

14.4852, 14.3757, 2.0113



Tritanopia

26.6231, 14.1158, 1.6380

Trichromacy



Original Color

26.6820, 14.0829, 2.1226

Protanomaly

15.7537, 11.8230, 2.9651

Deuteranomaly

16.9950, 12.1011, 1.6697

Tritanomaly

26.6309, 14.0901, 1.7680

Monochromacy



Original Color

26.6820, 14.0829, 2.1226

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

10.4169, 7.3129, 4.7334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6820, 14.0829, 2.1226 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(209, 19, 23)` looks like.

```
.text, #text, p{  
    color:rgb(209, 19, 23)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(209, 19, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 19, 23) }
```

Border

The CSS property to change the border of an element to XYZ 26.6820, 14.0829, 2.1226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 19, 23) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(209, 19, 23) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(209, 19, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 19, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 19, 23);  
box-shadow:4px 4px 4px 4px rgb(209, 19,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6820, 14.0829, 2.1226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 19, 23) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(209, 19,  
23) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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